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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/659,649	09/12/2000	Jean-Francois Le Pennec	FR9-1998-0072-US1	6968

7590

01/13/2005

BRACEWELL & PATTERSON LLP
Intellectual Property Law
P.O. Box 969
Austin, TX 78767-0969

EXAMINER

FLYNN, KIMBERLY D

ART UNIT	PAPER NUMBER
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2153

DATE MAILED: 01/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n N .

09/659,649

Applicant(s)

LE PENNEC ET AL.

Examiner

Kimberly D Flynn

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to an Amendment and Response filed September 28, 2004.

Claims 9-12 are presented for further consideration.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Logue et al. U.S. Patent No. 5,935,207 in view of Shannon U.S. Patent No. 5,852,713.

In considering claims 9 and 11, the combined system of Logue and Shannon discloses a method for providing a file, wherein is stored information according to which said file is locally stored when said file is received from a remote server, said method comprising the following steps:

receiving a request for said file comprising said remote server identification (see Logue col. 2, lines 36-40),

checking that the file is locally stored (see Logue col. 5, lines 43-49),

while Logue discloses the system substantially as claimed Logue does not disclose

forwarding the file to said remote server when said file has been locally modified.

Nonetheless, the aforementioned limitations are well known in the art as evidenced by Shannon.

In similar art, Shannon whose invention is a computer data file backup system and method discloses wherein a new logical disk map is created at the next scheduled time of updating, the new disk map is compared to the current client disk map, and if any of the attributes of the file has changed, the file is listed as being modified and is transmitted to the remote server computer disk image.

Given the teaching of Shannon it would have been obvious to a person having ordinary skill in the art to modify the system as disclosed by Logue to include the data file backup process as disclosed by Shannon in order to have an improved data file backup system that keeps both systems, the client and the remote system, concurrent. Accordingly, the modification would also allow for automatic updating of file that have been changed between updates ensuring that requested information is always current and up-to-date. Therefore, the limitations would have been obvious modifications to the system as disclosed by Logue.

Additionally, the combined system of Logue and Shannon fails to disclose deleting the file and the information according to which the file is locally stored after the file has been modified and forwarded. Nonetheless, deleting a file and its information after a file has been modified and forwarded is notoriously well known in the art. It would have been obvious to a person having ordinary skill in the art to delete a file and its information after a file has been modified and forwarded in order to save storage space on the local system. Once a file has been updated and forwarded to the remote server it

Art Unit: 2153

can be repeatedly accessed through requests, thus the need to locally store the file is eliminated and storage space will therefore be saved.

In considering claims 10 and 12, the combined system of Logue and Shannon further discloses a step for sending said information to said remote server when said file has not been locally modified (see Shannon col. 5, lines 51-60).

Response to Arguments

4. Applicant's arguments filed September 28, 2004 have been fully considered but they are not persuasive.

Applicant argues that While Shannon does teach forwarding a file to a remote server when the file has been locally modified, Shannon nowhere teaches that the client computer deletes the file and the information according to which the file had been stored when the file had been locally modified. Examiner agrees. However, deleting a file and its information after a file has been modified and forwarded is notoriously well known in the art. It would have been obvious to a person having ordinary skill in the art to modify the combined system of Logue and Shannon to include the step of deleting a file and its information after a file has been modified and forwarded in order to save storage space on the local system (client). Once a file has been updated and forwarded to the remote server it can be repeatedly accessed through requests, thus the need to locally store the file is eliminated thereby storage space on the local system will be saved. Therefore, such a modification would have been obvious.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D Flynn whose telephone number is 571-272-3954. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on 703-305-4792. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2153

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimberly D Flynn
Examiner
Art Unit 2153

KDF


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER